Index of Claims

| Application No. | Applicant(s)              |
|-----------------|---------------------------|
| 09/771,115      | SHROPSHIRE, ARTHUR EDWARD |
| Examiner        | Art Unit                  |
| Fred Ferris     | 2128                      |

| 7 | Rejected |
|---|----------|
|   | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| Α | Appeal   |
|---|----------|
| 0 | Objected |

| Claim                 | m Date   |  |   |       | Claim Date |                 |   |                       |                 |  | CI        | aim   | Date         |               |  |         |              |        |                 |               |           |
|-----------------------|--|--|---|-------|------------|-----------------|---|-----------------------|-----------------|--|-----------|-------|--------------|---------------|--|---------|--------------|--------|-----------------|---------------|-----------|
|                       |  |  |   | Ī     |            | $\Box$          | Π.,   | ΙŢ                    | П               | Т  | ᅦ         |       |              | Т             | Т  | Т       | Ť            | Ĩ      | П               | $\neg \vdash$ | ٦         |
| Final<br>Original     | 3/16/05  |  |   | Final | Original   |                 |   |                       |                 | - 1  |           | Final | Original     |               |  |         | 1            |        |                 |               |           |
| <u>ı</u> <u>r</u>   Ş | 3/16   |  |   | iÈ.   | Ę          |                 |   |                       |                 | - 1  |           | ίĒ    | کبار<br>Trig |               |  |         |              |        |                 |               |           |
| ļ                     |  |  |   |       |            | ++              | +   |                       | +               | -  | 긕         |       |              | _             | 4  | 4-      | ╙            | _      |                 | $\dashv$      | 4         |
| 1                     | <del>                                     </del> | <del>-   -   -  </del>                           |   |       | 51         | ++              |   | $\vdash$              | +               | +  | ႕         |       | 101          |               | +  | +       | ╁            |        | $\sqcup$        | -+-           | 4         |
| 2                     | 19,11  | <del>                                     </del> |   |       | 52         | $\dashv \dashv$ | -   | $\vdash$              |                 | -  | 긕         |       | 102          | $\dashv$      | 4  | _       | ╄            |        | $\sqcup$        | _             | 4         |
| 3                     | 4   -  |  |   |       | 53         | $\rightarrow$   |   | $\vdash$              |                 |  | _         |       | 103          |               | 4  | $\bot$  | Ļ            |        |                 | _             | _         |
| 4                     | 1411   | $\bot$   |   |       | 54         | +               | Щ.  |                       | $\bot$          | $\rightarrow$                                  | _         |       | 104          | $\perp$       |  |         |              |        |                 |               | _         |
| 5                     |  |  |   |       | 55         |                 |   |                       | $\perp$         | _  | _         |       | 105          | $\perp$       | _ _  |         | <u> </u>     |        |                 | 丄             | _         |
| 6                     |  |  |   |       | 56         |                 |   | $\sqcup \sqcup$       |                 |  | _         |       | 106          |               | ╧  |         |              |        |                 | $\perp$       | ┙         |
| 7                     | 1111   |  |   |       | 57         |                 |   |                       | $\bot$          | _  | _         |       | 107          |               | $\perp$  |         | $oxed{\bot}$ |        |                 |               | _         |
| 8                     | 1111   |  |   |       | 58         | $\bot$          |   | $\sqcup$              | $\perp$         | $\bot$   | ᆜ         |       | 108          |               | _   .  |         | <u> </u>     |        |                 | ightharpoonup | _         |
| 9                     |  |  |   |       | 59         | $\dashv \perp$  |   |                       | $\perp$         |  | _         |       | 109          |               | $\perp$  |         | L            |        |                 | $\bot$        | ╝         |
| 10                    | 1/   |  |   |       | 60         |                 | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ |                       |                 |  | _         |       | 110          |               |  | $\perp$ |              |        |                 | 丄             | _].       |
| 11                    |  | +  | ┸ |       | 61         | $\perp$         | $\perp$   | $\sqcup \!\!\! \perp$ |                 |  | $\Box$    |       | 111          |               | L  | $\perp$ |              |        |                 |               |           |
| 12                    | 4  |  |   |       | 62         | $\perp$         |   |                       |                 |  |           |       | 112          |               | $\perp$  | $\perp$ | $\Box$       |        |                 |               |           |
| 13                    | 1411   |  |   |       | 63         | $\perp \perp$   |   |                       | $\perp \perp 1$ |  |           |       | 113          |               | $\perp \Gamma$   |         |              |        |                 | $\Box \Gamma$ |           |
| 14                    | 0  | +  |   |       | 64         | $\perp \perp$   |   |                       | ot              | $oxed{oxed}$                                   |           |       | 114          |               | $oldsymbol{ol}}}}}}}}}}}}}}$ |         |              |        |                 | $\Box$        | _]        |
| 15                    | <u>i/                                      </u>  |  |   |       | 65         |                 |   |                       | ot              | $\Box$   |           |       | 115          | $\Box \Box$   | $oldsymbol{\perp}$   |         |              |        |                 |               | _]        |
| 16                    | W  |  |   |       | 66         |                 |   |                       | ⅃⅃              | $oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$ |           |       | 116          | $\Box \Gamma$ |  | I       |              |        |                 |               |           |
| 17                    | =  |  |   |       | 67         |                 |   | $\Box\Box$            |                 | $_{ m I}$                                      | $\Box$    |       | 117          |               |  |         |              |        |                 |               | ٦         |
| 18                    | =   .  |  |   |       | 68         |                 |   |                       |                 | $\neg$   |           |       | 118          |               | Т  |         | Т            | Π      | $\Box$          |               | 7         |
| 19                    | =  |  |   |       | 69         |                 |   |                       | $\top \top$     | -  | 7         |       | 119          |               | Т  |         |              |        |                 |               | ٦         |
| 20                    | =  |  |   |       | 70         |                 |   |                       | $\Box$          |  | $\neg$    |       | 120          |               |  |         |              |        |                 | 一             | ┑         |
| 21                    | [=]  |  |   |       | 71         |                 |   |                       |                 | $\neg$   | ヿ         |       | 121          |               | T  |         |              |        |                 | $\neg$        | ヿ         |
| 22                    | =  |  |   |       | 72         |                 |   |                       | $\Box$          |  | 7         |       | 122          |               | T  |         | 1            |        |                 | $\neg$        | ┨         |
| 23                    |  |  |   |       | 73         |                 |   |                       | $\top$          |  | ╗         |       | 123          | T             | Т  |         | Т            | Г      | $\Box$          | 十             | ヿ         |
| 24                    |  |  |   |       | 74         |                 |   | 1 1                   | $\top$          |  | ヿ         |       | 124          |               | T  |         | T            | Т      |                 | 十             | ᅱ         |
| 25                    | =  |  |   |       | 75         |                 |   |                       | 17              |  | ╗         |       | 125          |               | T  | 1       | T            | $\Box$ | $\neg \uparrow$ | $\top$        | ヿ         |
| 26                    |  |  |   |       | 76         |                 | 1   |                       | 11              | 一  | ヿ         |       | 126          |               | T  | 1       | Ī            |        | Ħ               | $\neg$        | ヿ         |
| 27                    |  |  |   |       | 77         |                 |   |                       | 11              |  | $\neg$    |       | 127          |               | Т  |         |              |        |                 | $\neg$        | ヿ         |
| 28                    |  |  |   |       | 78         |                 |   |                       |                 | T  | 7         |       | 128          | T             | T  | $\top$  |              |        |                 | $\neg$        | ᅱ         |
| 29                    |  |  |   |       | 79         |                 |   |                       | 1 1             | $\neg$   |           |       | 129          |               | T  |         |              |        |                 | 十             | ┑         |
| 30                    |  |  |   |       | 80         |                 |   |                       |                 |  |           |       | 130          | $\neg$        | $\top$   |         |              |        |                 | 十             | $\neg$    |
| 31                    |  |  |   |       | 81         |                 |   |                       |                 |  |           |       | 131          | $\neg$        | $\top$   | $\top$  |              |        |                 |               |           |
| 32                    |  |  |   |       | 82         |                 |   |                       |                 |  |           |       | 132          |               | $\top$   | 1       | Π            |        |                 | $\neg$        | ٦         |
| 33                    |  |  |   |       | 83         |                 |   |                       | $\Box$          | $\Box$   |           |       | 133          | T             | 1  | T       | 1            |        |                 | $\dashv$      | ٦         |
| 34                    |  |  |   |       | 84         |                 |   |                       | 77              | $\neg$   | $\neg$    |       | 134          |               | 丅  | $\top$  |              |        |                 | $\neg$        | ٦         |
| 35                    |  |  |   |       | 85         |                 |   |                       | 11              | $\top$   | $\neg$    |       | 135          | $\neg$        | 丁  | $\top$  | Т            |        | 寸               |               | ٦         |
| 36                    |  |  |   |       | 86         |                 |   |                       | $\top$          | 1  | $\neg$    |       | 136          |               | 1  | 1       | İ            |        | $\Box$          | $\neg \vdash$ | ٦         |
| 37                    |  |  |   |       | 87         | $\neg \neg$     |   |                       |                 | $\neg$   | 7         |       | 137          | $\neg \vdash$ | $\top$   | $\top$  |              |        |                 | $\neg$        | $\exists$ |
| 38                    |  |  |   |       | 88         |                 |   |                       |                 | 寸  |           |       | 138          | $\neg \vdash$ | $\top$   | Τ       | Т            | П      |                 | $\neg \vdash$ | ٦         |
| 39                    |  |  |   |       | 89         |                 |   |                       | $\top$          | $\top$   |           |       | 139          | $\neg$        | 1  | 1       |              | П      | $\dashv$        | $\top$        | ┨         |
| 40                    |  |  |   |       | 90         |                 |   |                       | 7 1             | $\top$   | $\exists$ |       | 140          | $\neg$        | T  | 1       |              | П      | $\Box$          | $\dashv$      | ٦         |
| 41                    |  |  |   |       | 91         |                 | $\perp$   |                       | $\perp$ 1       |  |           |       | 141          |               | 丅  | T       | T            |        | 7               | $\dashv$      | ٦         |
| 42                    |  |  |   |       | 92         |                 | $\Box$  |                       |                 | $\top$   |           |       | 142          | 1             | T  | Τ       | Π            |        | $\neg$ †        | $\neg$        | ٦         |
| 43                    |  |  |   |       | 93         |                 | $\Box$  |                       |                 | $\top$   |           |       | 143          |               | T  | T       |              | П      | 7               | 十             | ٦         |
| 44                    |  |  |   |       | 94         |                 | $\Box$  |                       |                 | 1  |           |       | 144          |               | $\top$   | 1       |              | П      | $\neg$          | 十             | ٦         |
| 45                    |  |  |   |       | 95         |                 |   |                       | 11              | $\neg$   |           |       | 145          | $\neg$        | 1  | Τ       | Г            | П      | $\neg$          | 十             | ٦         |
| 46                    |  |  |   |       | 96         |                 |   |                       | $\sqcap$        | $\neg$   |           |       | 146          |               | $\top$   | 1       |              | П      | $\dashv$        | $\top$        | ٦         |
| 47                    |  |  |   |       | 97         |                 | $\Box$  |                       | 11              | $\top$   |           |       | 147          |               |  | T       | T            |        | $\dashv$        | 十             | ٦         |
| 48                    |  |  |   |       | 98         |                 | $\Box$  |                       | 7 1             | $\top$   |           |       | 148          | $\neg$        | $\top$   | $\top$  |              |        | $\dashv$        | $\dashv$      | $\dashv$  |
| 49                    |  |  |   |       | 99         |                 |   |                       | 1-1             | 一  |           |       | 149          |               |  | 1       | 1            | П      | _               | $\top$        | ٦         |
| 50                    |  |  |   | 1     | 100        |                 |   |                       |                 |  |           |       | 150          |               | T  | 1       | Г            |        | $\Box$          | 十             | ٦         |